VI. *Extract of a Letter to the* Publiſher *from Monſ.* De Liſle, *Aſtronomer Royal at* Petersburgh, *containing his Obſervations of the Eclipſes of* Jupiter's Satellites *from* July 10th, 1726, *to* April 12th, 1728, taken at that Place.

Petersburgh, *July* $\frac{2}{20}$, 1728.

SIR,

I Send you at preſent all the Obſervations of the *Satellites* of *Jupiter* that I have made here the two laſt times of his Appearance; and I don't queſtion but there will be Number ſufficient to ſettle the Difference of our Meridians, by comparing them with the Obſervations made in *England*. The following were made with common Teleſcopes of 13, 15, 20½, and 22 Foot; and are very good ones ——

1726.	D.	H.	′	″	*What Eclipſe.*		*Teleſcope.*		
July	10	12	47	0	Im. of the 1ſt.		15 Foot.		a little doubtful.
Aug.	9	14	51	30	Immer. —	1	15 and	22	doubtful near 15″.
	18	11	15	46	Immer. —	1	15	—	
		11	15	52	Immer. —		20 ½	—	
Sep.	10	11	32	51	Immer. —	1	15	—	
		11	32	56	Immer. —		20 ½	—	
	22	16	13	20	Immer. —	2	15	—	
Oct.	19	12	21	46	Em. —	1	15	—	
	28	8	47	8	Em. —	1	15	—	to ſome″.
Dec.	6	7	11	18	Em. —	1	20 ½	—	ſomewhat doubtful.
		10	30	31	Em. —	2	20 ½	—	exact.
		10	30	38	Em. —		15	—	exact.
	29	7	15	36	Em. —	1	20 ½	—	exact.
		7	15	48	Em. ——		15	—	exact.
1727.									
Jan.	2	10	59	46	Immer. —	3	15	—	Air foggy.
		11	0	17	Immer. ——		20 ½	—	

	D.	H.	″	What Eclipſe.	Teleſcope.		
	7	10	9 56	Emmer.—	2	20 ½	Foot.
		10	10 4	Em. ——		15	—
Feb.	1	7	17 15	Em. —	2	20 ½	— exact.
Aug.	5	11	52 23	Immer. —	3	22	— to a few ″
	7	10	59 27	Immer. —	1	22	— ♃ was low.
	8	13	37 9	Immer. —	2	22	—
	21	14	50 30	Immer. —	1	22	—
	30	11	19 18	Immer. —	1	22	—
Sep.	2	10	43 57	Immer. —	2	22	—
	6	13	11 24	Immer. —	1	22	— doubtful.
	9	13	21 35	Immer. —	2	22	—
	10	9	34 30	Emmer.—	3	22	—
	15	9	36 32	Immer. —	1	22	—
Oct.	31	10	8 48	Immer. —	1	15	— doubtful.
Dec.	2	8	46 30	Em. —	1	22	—
	12	14	6 0	Em. —	3	22	—
1728.							
Jan.	8	12	14 44	Em. —	2	15	— to ſome ″
		12	33 34	Em. —	1	13	— ſomewhat doubtful.
	10	5	58 7	Em. —	3	22	— to ſome ″
		7	0 12	Em. —	1	22	—
	17	7	56 31	Im. —	3	13	— the wind incommoded.
		8	53 4	Em. —	1	22	— exact.
		9	55 14	Em. —	3	22	—
Feb.	16	10	59 26	Em. —	1	22	— to ſome ″
	18	5	28 20	Em. —	1	15	— the day not cloſed.
	27	6	40 5	Em. —	2	22	—
	29	8	0 29	Immer. —	3	22	— the *Satellite* appeared and diſappeared at different Times.
Mar.	10	11	18 19	Em. —	1	13 and	15
Apr.	12	8	16 12	Immer. —	3	15	—
		10	30 40	Em. —	3	15	— ♃ was low.

I am, *&c.*

DE LISLE.

FINIS.